Software Release For DF6000/CF3000/FX6000

Site Installer Network Card

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DF6000/CF3000/FX6000 Software Updates

Latest Version: Display 3.03.50 Loop: 3.2.4 (14)   Engineering Change Note : 1163
                          Site Installer : 2.5.28   Engineering Change Note : 1164
                          Network Card : 6.6   Engineering Change Note : 1165

Date: 15/10/10

DF6000/CF3000/FX6000 Analogue Addressable Panel

> **Important: These versions of Software loop and Display are compatible with previous versions (See tables below).**

Main features / Improvements

✓ Better touch screen responsiveness.

✓ Faster indication of fire/faults during printing mode

✓ Added panel network filtering. (This feature will be explained in the latest release of Cooper fault finding guide).

✓ Enabling all will not fail if some outputs cannot be enabled, it will simply enable all that.

✓ Accept commands from both HyperTerminal and PanelComm.

✓ Network disabling of sounder 1 and sounder 2 removed in order to comply with the new EN54 pt2 - 1997+ A1:2006.

✓ Added evacuate locking feature (this feature will be explained in the latest release of Cooper fault finding guide).

✓ Disabling a zone on a panel will disable that zone on all panels in the network.

✓ Web server can get zone/address text information from the panel.

✓ Australia Fire Brigade screen will now show address OR zone information depending on an option set on 130170 menu(This feature will be explained in the latest release of Cooper fault finding guide).

✓ Added loop repeater command either loop or network to mute the internal buzzer from the main panel. (This feature will be explained in the latest release of Cooper fault finding guide).

✓ Viewing of the status of T1/T2 timer. This feature will be explained in the latest release of Cooper fault finding guide).

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✓ Indication of day/night mode on main display. This feature will be explained in the latest release of Cooper fault finding guide).

✓ Added new fan control features according to the new Australian standard AS1668. (This feature will be explained in the latest release of Cooper fault finding guide)

✓ Web server can request all disablement information for the panel over the network

✓ Added a toggle on 130170 to enable/disable all outputs (panel + loop). (This feature will be explained in the latest release of Cooper fault finding guide).

✓ Added UL 864 Pt 9 requirements (feature available at access level 3).

✓ Add German local requirement on FBF & FAT interfaces.

✓ Site monitor can request various system data from panel (Web server feature).

✓ Improved support for Non Fire input.

✓ Updated Polish requirement. Polish font (codepage 1250).
   • Extra characters on Polish keyboard
   • Uploading log in Polish now has correct characters displayed on PC.
   • Polish language now prints correctly.
   • For Polish, technical input activation turns on an LED.

Bug Fixes

• All panels now send at least one loop to Site Installer to get round a problem with how it stores zone data.

• Auxiliary board type is no longer reset on auto learn.

• On download from PC to panel, the panel preserves settings not overwritten by the download.

• When CDR data is reset (auto learn etc), FPE, FRE and sounder disablement flags are cleared.

• Now shows correct count of zones in system details.

• Filled in missing characters from central European font.

• Corrected some problems with Czech and Slovak.

• Fixed bug displaying fires and pre-alarms incorrectly on screen-cover level 1 screen.

• For the central European font, the panel will now attempts to re-map the non displayable characters when in text mode.

SOFTWARE UPDATES

- Font no longer reset after screen calibration.

- Fixed bug on "go to" screen, if you did not select a loop it would not work, loop now defaults to 1.

- Buzzer beeps only when user hits a control that does something, rather than when they touch the screen.

- Fixed bug where the level 1 "Accept fire" button was not working, it was going to another screen.

- Fixed bug in sending pre-alarm across network, type was not being sent.

- Fixed bug in detecting when a zone had become disabled by disabling all its devices.

- Fixed bug in printing of panel disablements (FRE, FPE, sounders).

- Fixed bug displaying panel number of the analogue value screen.

- Fixed bug displaying the enable/disable status of sounders on the level 2 menu.

- Analogue level test function importing wrong fault values for heat devices, causing heats to fault with value <10.

- Fixed a bug in the "Disable –All" menu 130170.

- Fixed a problem with list of zones, if there is a gap, it does list all zones.

- Fixed a problem with Australian FB screen as it would always initially show disabled address count as 0.

- MCOM devices on loop4 activated by zones outside of populated list, sub address indexer not re-initialised for loop driver 2 downloadh

- "Auto config" not locating ID mismatches.

CF3000 / DF6000 / FX6000

Loop Software History Log

Date	Version	Comments
15/08/10	3.2.4.11	See above
15/09/09	3.2.3.19	Auto learn locking function Supports Fan controls. Technical Input/Technical Output Supports Non Fire Input Added HMO (House of Multiple Occupancy) requirements as per BS5839 Pt6 Support New EN54 pt2 requirements. (Disable address moved to access level 3 and Disable LED now is off when delay are implemented) Download analogue values and Event Log to PC. T1/T2 can be Disable using panel clock or a loop addressable device. AVF programmable 10 to 30s AVF programmable by zone Added Bell tone on Class Change Pre-addressed Auto learn Added German feature on FAT Added Polish requirements Approved to latest EN54 pt 2 :1997 +A1:2006 and EN54 pt 4: 1997 +A1:2002+A2:2006
15/08/08	3.2.01	
		Double Knock 2 devices within a Zone (addressable loop devices as well as panel outputs), Calibration of Touch Screen: This feature has been removed from the power up menu as well as during reset due to various complaints. Touch screen calibration is only possible by either Panel com or activation of Class Change input during Panel power up. Test Device on Output modules, Support Technical timers. Increase the number of Devices alarm LED's to 24, Support Russian, Afrikaans, Vietnamese, Finnish, & Greek languages. Panel default to "Cooper Logo", Disable Buzzer at Access level 4 Support T1/T2 features (Swedish as well as Standard) , Call point override facility for T1/T2,T1/T2 override using programmable input on site installer, Support Swedish Fire Brigade Interface with zone/address location Printer monitoring (Paper and head up), Extended walk test (led remains on for 20 seconds), Added Australian tone on addressable sounders, Added overload Fault on Loop when the load current is too high. (EN54 pt13 requirement) Added "abnormal comms" Fault Condition, when the loop communication is (EN54 Pt13). Support FAT interface (Fire Brigade interface on the network)Two network protocols V1&V2 (V1 standard protocol, V2 standard+ FAT interface)Update Display software using PC."Display Program can be erased from panel via HyperTerminal. Press Ctrl-X, then Y.Once erased, it can be programmed via RS232 with "PanelProg". **Added above features as per ECN**
20/07/07	3.0.0	Implemented Autolearn per loop, Integrations of Faults,

Loop Software History Log. Cont.

Date	Version	Comments
16/03/07	2.1.4	Update delete device, updated programmer, capacity 127 network panels. Alarm verification on detectors
12/02/07	2.1.3	Italian mode overrides sounder programming, update on T1/T2. Evacuation with no aux not setting the FRE Flag
23/10/2006	2.1.2	Global output disabled for commissioning access level 4 fixed
22/09/2006	2.1.1	Czech T1/T2 applied to panel outputs
13/09/2006	2.0.15	Czech T1/T2 updated, now tests for day night mode, if night mode T1/T2 timers are ignored.
10/08/2006	2.0.12	Sounder disablements from aux boards-now disables only sounder outputs FPE disablement, now disablement all panel outputs exclude sounders and panel FRE
27/07/2006	2.0.10	Australian no longer latches. Read types from network fire command Set up day/night mode
26/05/2006	2.0.8	Australian mode now exist inside the UK version SP40 Voice Evac interface now recognized. Australian variant with key switch T1/T2 implemented for Czech

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Display Software History Log : (Micro Board)

Date	Version	Comments
15/08/10	3.3.50	See above
15/09/09	3,03.19	Auto learn locking function Supports Fan controls ,Technical Input/Technical output Supports Non Fire Input Added HMO (House of Multiple Occupancy) requirements as per BS5839 Pt6 Support New EN54 pt2 requirements (Disable address moved to access level 3 and disable LED now is off when delay are implemented) Download analogue values and Event Log to PC T1/T2 can be Disable using panel clock or a loop addressable device AVF programmable 10 to 30s AVF programmable by zone Added Bell tone on Class Change Pre-addressed Auto learn Added German feature on FAT Added Polish requirements Approved to latest EN54 pt 2 :1997 +A1:2006 and EN54 pt 4: 1997 +A1:2002+A2:2006
15/08/08	3.02.03	Calibration of touch screen: This feature has been removed from the power up menu as well as during reset due to various complaints. Touch screen calibration is only possible by either panel com or activation of class Change input during panel power up. Test device on output modules, support technical timers. Increase the number of devices alarm LED's to 24, support Russian, Afrikaans, Vietnamese, Finnish, & Greek languages. Panel default to "Cooper Logo", Disable Buzzer at Access level 4. Support T1/T2 features (Swedish as well as Standard) ,Call point override facility for T1/T2,T1/T2 override using programmable input on site installer, Support Swedish Fire Brigade Interface with zone/address location. Printer monitoring (Paper and head up), Extended walk test (led remains on for 20 seconds), Added Australian tone on addressable sounders, Added overload Fault on Loop when the load current is too high. (EN54 pt13 requirement). Added "abnormal comms" fault condition, when the loop communication is (EN54 Pt13). Support FAT interface (Fire Brigade interface on the network)Two network protocols V1&V2 (V1 standard protocol, V2 standard+ FAT interface) update display software using PC."Display Program can be erased from panel via HyperTerminal. Press Ctrl-X, then Y. Once erased, it can be programmed via RS232 with "PanelProg". **Added above features as ECN**

Display Software History Log : (Micro Board). Cont.

Date	Version	Comments
20/07/07	3.0.0	Implemented all the above functions Auto learn per loop Added Next/Previous buttons on the "Test" & "Analogue value " screens Facility to remove integration of Fault at access level 3 for speed of fault findings/commissioning If a sounder is added without PC programming, it will default to Global alarm Facility to remove Call point ID Text a access level 3.This is mainly used if a call point is used for other application. Implemented Spanish/Latvian/Croatian languages Updated Italian/Hungarian/Czech/Polish
22/11/06	2.4.9	Add Slovak & Slovenian language
13/09/2006	2.4.8	Change maximum output per loop to 120
27/07/2006	2.4.5	Send device text across network Australian Fire Brigade Australian brigade Screen reset is now global rather than local Sounder Enable/Disable in German prints correctly Analogue values in German prints correctly
26/05/2006	2.4.2	When Fire Brigade screen appears backlight is always turned on
		In the "Brigade colors " release, the Fire Brigade has labels denoting the color of various buttons and indications When auto learn was done, the language was set back to English

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DF6000/CF3000/FX6000 Site Installer

Latest Version:2.5.28.6   Engineering Change Note : 1164

These versions of Site Installer are compatible with previous versions.

Site Installer Features

✓ Swedish, French, Dutch, Slovakian translations.

✓ Retrieve event log and analogue values.

✓ Screen grab, firmware upload, erase CDR, screen calibration.

✓ New interface improvement for ease of use (i.e Text manager).

✓ Add support for RF panel and RF devices.

✓ Integrated and improved logo upload.

✓ Screen grab, firmware upload, erase CDR, screen calibration.

✓ Support for configuring the mimic repeater and Fan control.

✓ Support updating and programming of panel display software (No need for a programmer).

✓ Improvements and additions to the sanity checking.

✓ Added UL 864 9th edition requirements.

✓ Added support for device 254 (Reserved address).

Site Installer History Log

Date	Version	Comments
15/08/10	2.5.28	See above features
	2.5.22	Support Mimic Repeater
		Support updating panel display software
		Sanity Checks
		Add French, Dutch and Swedish update
		Panel Com Commands
		Log retrieval and storage
15/09/09	2.4.18	Support for different editions of SI with varying panel support
		Move to SQL Server Compact Edition (64bit support)
		Calibrate screen/Panel Com part of Site installer
		Retrieve event log and analogue values
		Integrated fan controller
		PAVA output
		Integrated commission transfer solution
		.Net resources for translations and right-to-left text support
		Integrated and improved logo upload

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DF6000/CF3000/FX6000 Network Card

Latest Version : 6.6   Engineering Change Note : 1165

These versions of network card are compatible with previous versions.

Features

✓ The card now check for acknowledgment after sending a message to the panel before removing the message from the buffer card.

✓ Network monitoring will now start after power up without requiring a master panel soft reset.

✓ Repeat timer value changed to 48ms.

Network History Log

Date	Version	Comments
15/10/10	6.6	See above features
20/07/08	5.0	Recompiled for Rev. 2c pcb.
19/09/06	4b	Minimum slave timeout set to 30s
18/09/06	4a	If number of panels is < 50, slave timeout defaults to 300s
13/09/06	4	Slave timeout now scales with number of panels
07/02/06	3a	Maximum number of panels increased to 128
28/07/05	3	Monitoring now activated only if number of panels > 1
09/11/04	2	Added ability to switch between master and slave modes
08/10/04	1	Monitoring now continues after a reset.

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